A 100% recycled corrugating medium producer based in France, used conventional foils for water removal on a suction press and grooved roll that created:

- Poor profile management
- High amounts of water on the back of the foils
- Performance issues when felts begin to plug

The foils were also difficult to change out.

Kadant provided a new doctor with an AirSet T™ blade holder for the grooved roll and a double-doctor with AirSet B™ and UniClean™ blade holders for the suction roll.

The new doctors improved runnability over longer periods of time, increased consistency to the dryer section by 0.5%, and increased machine capacity by 4%. As a result, the mill has been able to increase production by up to 50 tons per day and realize €120,000 ($170,000 USD) in steam savings.

Market Insights

- AirSet technology provides operational benefits over conventional foils.
- Utilizing AirSet technology provides increased press fabric life.
- Applications include couch roll, suction pick-up, press roll, and grooved roll applications.

Double doctor with AirSet B blade holder
AirSet T blade holder installed on grooved roll